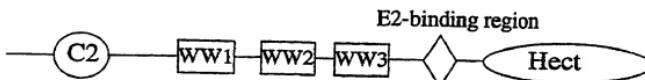




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : C12N 15/12, C07K 14/47, 16/18, G01N 33/566, A61K 38/17, C12Q 1/68, C12N 15/62		A2	(11) International Publication Number: <b>WO 00/43510</b> (43) International Publication Date: 27 July 2000 (27.07.00)
(21) International Application Number: <b>PCT/CA00/00042</b>			(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
(22) International Filing Date: 20 January 2000 (20.01.00)			
(30) Priority Data: 2,259,830 20 January 1999 (20.01.99) CA			
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(54) Title: RAS ACTIVATOR NUCLEIC ACID MOLECULES, POLYPEPTIDES AND METHODS OF USE

**Rat Nedd4**

## (57) Abstract

The invention is a GRF4 nucleic acid molecule and its corresponding protein which has an important role in cell signaling. The invention also includes biologically functional equivalent nucleic acid molecules and proteins. The invention also relates to methods of using these nucleic acid sequences and proteins in medical treatments and drug screening.